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ABSTRACT

The information presented in this report is designed to develop a better understanding of the design background of the Northwest Christian College campus and its academic center, activity center, and residence center. The goals, facts, and needs of the educational program of the college have been analyzed and synthesized into a design concept for the college campus that is intended to provide an image of the architectural environment in which the educational program of the next decade can be conducted.
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PLANNING GOALS AND CONCEPTS
and
SPACE FACILITIES PROGRAM

for

NORTHWEST CHRISTIAN COLLEGE

Eugene, Oregon

June 1974

EA 008 664

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June 3, 1974

Dr. Barton Dowdy, President
Northwest Christian College
Eugene, Oregon 97403

Dear Dr. Dowdy:

Attached is a report of the Space Facilities Program for Northwest Christian College developed by the Field Training and Service Bureau in cooperation with Amundson Associates and selected members of the faculty, administration and student body of Northwest Christian College.

The information presented is designed to develop a better understanding of the design background of the Northwest Christian College Campus and its Academic Center, Activity Center and Residence Center. The goals, facts, and needs of the educational program of the College have been analyzed and synthesized into a design concept for the College campus and each of the three centers.

This report may not answer every problem in the planning of new campus facilities. However, it will serve as an appropriate educational guide for the Board of Trustees, administration and architect who have a significant responsibility in designing campus facilities to serve changing educational practices and the needs of the students of Northwest Christian College.

The Bureau gratefully acknowledges the contribution you and members of your staff made in contributing freely of your time and talents to the development of this report.

Sincerely,

K. A. Erickson

Kenneth A. Erickson, Director
Field Training and Service Bureau

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NORTHWEST CHRISTIAN COLLEGE
CAMPUS DEVELOPMENT STUDY

INTRODUCTION

Northwest Christian College enjoys a unique position among small, private, religious-based colleges in the Northwest. While many similar colleges are experiencing great difficulty in maintaining their programs at a credible level, Northwest Christian College has enjoyed a continuous growth and has established a sound educational foundation. Such a position may be due to several factors including its physical location capable of serving a regional market, its appeal as a school of smaller scale and more intimate concern for personal development of the student, and most certainly its announced purpose of providing an environment of Christian attitude and principle in the higher education system. With dynamic changes being affected at all levels of the education system and particularly in higher education as a result of decreased economic resources, a changing value system in educational achievement, and increased awareness of the need for viable alternative educational environments, it is an opportune time for the re-evaluation of the future of the College. Coupled with an increasing enrollment and the need for additional facilities this provides an excellent opportunity to establish both an educational plan and a campus development plan for the College for the next decade. Members of the staff, administration, and student body have sat together both in independent committees and as a Committee of the Whole to explore and search out those fundamental aspects of the College which are presently noteworthy of preservation and which should be established for the next decade of educational pursuits.

This brief study intends to capsulate those concerns into a simplified and comprehensive statement for campus development. In a systematic and analytical way, the functional, form, economic, and time frame image of the Northwest Christian College of the future is embodied in these statements and represent at this time the best thinking of the study group. They are intended to provide an image upon which the real campus of tomorrow can be built and the architectural environment in which the educational program of the next decade can be conducted.

EDUCATIONAL GOALS

The fundamental educational goal of Northwest Christian College has been expressed continuously as the conscious projection of the Christian Life as a valid personal choice. This philosophical foundation coupled with the pursuit of academic excellence has clearly established the purposes of the college as summarized by the Administration in the following six statements:

1. to provide higher education for young people desiring to prepare for professional and non-professional church work;

2. to help all students secure a comprehensive knowledge of the English Bible and Christian culture and develop habits of life that exemplify Christian teachings;

3. to provide pre-theological programs of study wide enough to meet the needs at the college level of those who plan to become employed as church workers or continue in seminary;

4. to provide sufficient number of specialized courses in various phases of church work including music, and vocational aspects of church leadership;

5. to provide courses of study for a small number of mature ministerial students who for outside or personal reasons cannot attend seminary;

6. to prepare better qualified lay and professional workers for the church.

These purposes have been sufficient to draw a solid enrollment of students to the college from the Pacific Northwest. With the present enrollment standing at approximately 500, it can be anticipated that within the next decade a student body of 600 can be accommodated without destroying the

integrity of the above purposes.

In a continuing program that achieves academic excellence there is a need to couple these purposes with definitive educational goals which can serve as the basis for the physical development of the campus and its academic program. The following educational goals of Northwest Christian College over the next decade have been projected for the campus.

GOAL: To improve the physical and academic environment for learning for all students in the college and for academic research and development by the faculty;

GOAL: To improve the learning resource base of the college by
a) the improvement of the quality of resources,
b) the extension of resources to new areas; and
c) the access to resources by students and staff;

GOAL: To improve the opportunity for developing and improving the quality of education through the interaction that takes place among curriculum, faculty, students and resources within the personal and physical context of the institution.

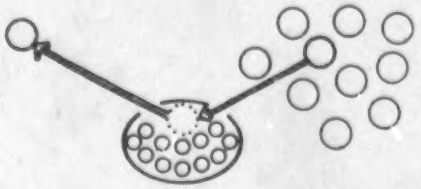
STUDENTS AND FACULTY

The majority of the student body population attending Northwest Christian College are affiliated with the sponsoring church denomination (approximately 75%) and come primarily from Oregon, Washington, Idaho, the other Northwest states, and California. Although small in scale, the growth of student enrollment in NCC has been consistent. Presently, there are approximately 412 full-time equivalent students on campus represented by 498 individuals. An analysis of student enrollment indicates a growth rate of approximately 25 full-time equivalent students per year, thus the College could anticipate enrollment within the next decade of over 500 full-time equivalent students and a total student body of 600. This appears to be the most realistic figure to use in the projection of space needs for the next decade.

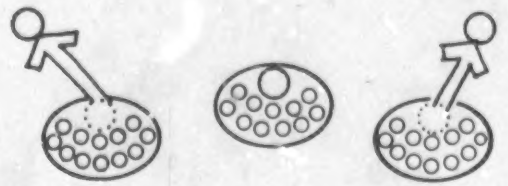
Student Body Enrollment by Selected Years

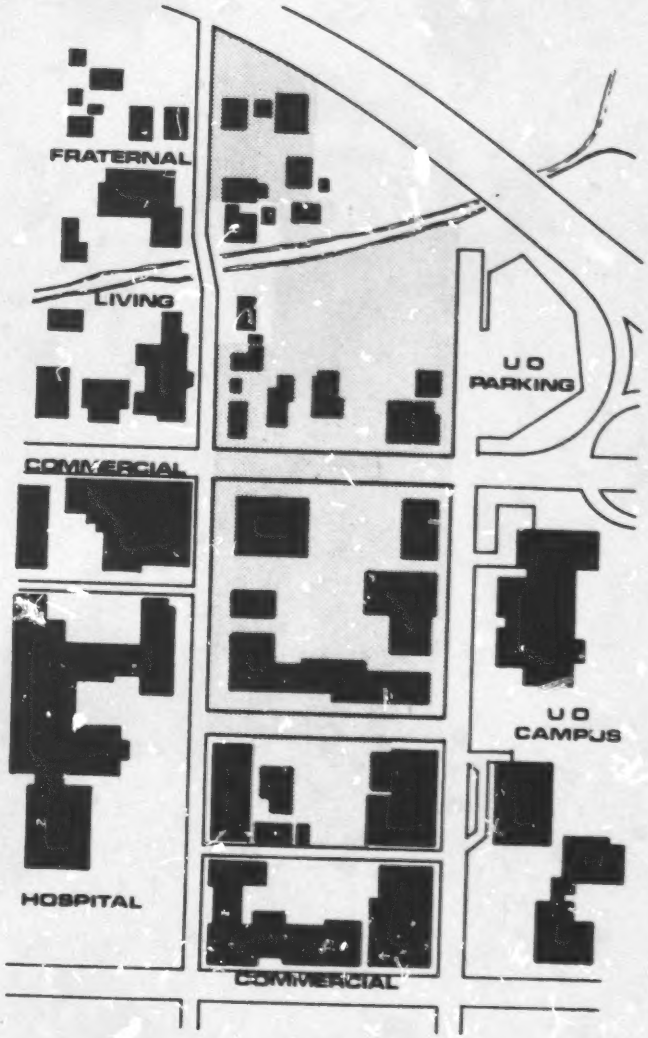
1964 - 74

1964 - 65	500 students
1968 - 69	506 students
1973 - 74	559 students



The College has employed a careful recruiting and selection process for faculty recognizing the need for both the academic excellence of the College and the Christian philosophy of teaching and education. The growth of the College in the next few years may be heavily influenced by the problem of recruiting qualified faculty to take the place of retiring faculty. This problem is exaggerated during the next few years as two-thirds of the present faculty will retire within 15 years.





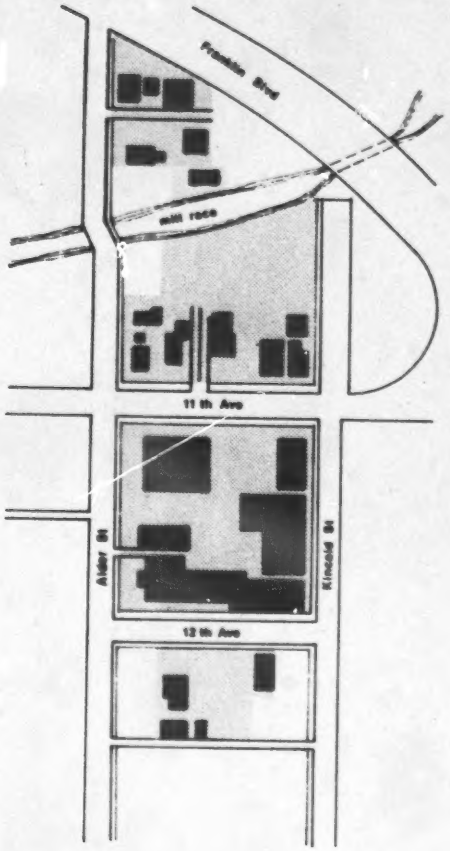
DEVELOPMENT CONCEPTS AND OPPORTUNITIES

Existing Site and Facilities

The present College campus is located immediately adjacent to the University of Oregon campus on a 6.01 acre site. The College is bordered on the west by Sacred Heart Hospital, on the south by a small commercial area and on the north by Franklin Boulevard. The site is bisected by Eleventh Avenue, a major traffic carrier. The Eugene Millrace passes through the north part of the campus. Marian Hall, located two blocks west on Eleventh Avenue, was originally constructed by Sacred Heart Hospital in 1964 as a nurses' dormitory and purchased by Northwest Christian College in 1974 as a residence hall.

The present College campus consists of several existing buildings constructed for college purposes and supplemented by large adjacent residences and semi-commercial buildings on both the north and the south areas. The oldest building on campus is the administration building, circa 1908, and the most recent is Marian Hall, 1964. No major development has occurred on the campus in the past ten years, except for renovation of existing campus buildings and remodeling of recently acquired buildings for academic purposes. Additional properties have been acquired recently south of Twelfth Avenue and north of the Millrace. Other adjacent properties are available and scheduled for acquisition to fill out the campus ownership.

Through the past few years the possibility of relocating the campus to a suburban or rural area has been explored, however, this has proven to be both economically and academically infeasible. Therefore, a series of primary development goals of the campus have been established.



THE COLLEGE ENVIRONMENT SHOULD HAVE A 'SENSE OF COMMUNITY'

GOAL: Northwest Christian College will not relocate its campus in another location but will stay in the present location. It is the intentions of the College to utilize the existing facilities and site to the maximum, to establish a physical contiguity of the campus components as well as a homogeneity of the physical environment of the campus. New buildings and facilities will be built as required to fulfill the educational objectives of the College as developed by the study committee.

One of the difficulties, and greatest advantages, of maintaining the campus in its present location is the close relationship to the surrounding activities: the University of Oregon; Sacred Heart Hospital; the commercial activity; and student housing areas. This close relationship causes the campus to be physically submerged within the area with little identity. Therefore, this has established another development goal.

GOAL: Northwest Christian College should establish and maintain a physical identity and character which is unique to the academic and personal development goals of its students.

There has also been a very strong concern expressed about the character of the campus as a whole.

GOAL: The physical development of the College should maintain a "sense of community" to maintain the concept of the student body and faculty working together closely. The campus environment should express "Who we are and Whose we are."

This should not imply, however, that the College should separate itself by hard boundaries from the surrounding community. Students should not sense an isolation from the surrounding area and a loss of contact with the neighborhood. Easy access should be maintained to the resources of the University for academic purposes, as well as to the commercial area and the hospital facility for social activity and community work. Maintaining a close relationship

with these activities will provide a maturity among the student body and a strengthening of their personal principles through the exposure to a variety of cultures and values.

GOAL: The College should become a viable part of the neighborhood urban fabric, both physically and socially.

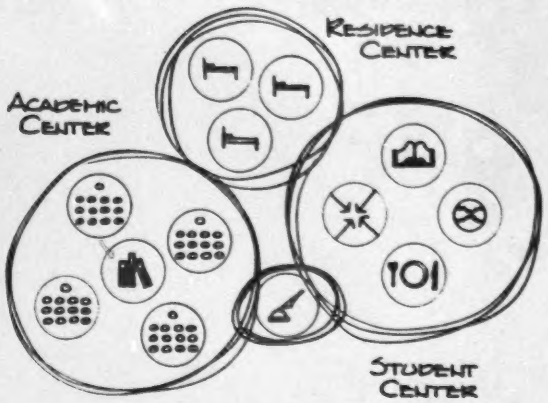
Therefore, the visual boundaries of the Northwest Christian College campus should be soft and interwoven with those of the surrounding community. This could be achieved by inter-relating the buildings and open spaces of the College with those of the University, Sacred Heart Hospital, and the surrounding area. Pedestrian and bike routes should interlink with those of the surrounding activities so they become common to both. The opportunity for personal contact between Northwest Christian College students, University of Oregon students, and Sacred Heart Hospital patients could provide a stimulating and worthwhile personal experience.

BOUNDARIES OF NCC SHOULD BE SOFT AND INTERWOVEN WITH THE SURROUNDING COMMUNITY

GOAL: Open space on the Northwest Christian College campus should be preserved wherever possible and integrated with the open space patterns of surrounding activities to create continuity of circulation routes and public spaces. If buildings should be interlinked for protected interaccess, this should be done without destroying the open space patterns.

Of continuous concern in a program of building construction is the intended quality of the new facilities. The basic philosophy of previous construction development on campus is to provide the most effective and efficient buildings for the available funds.

GOAL: Future school development should be of good quality, while utilizing materials of low maintenance in an imaginative manner to create a favorable image of Northwest Christian College.



CAMPUS ORGANIZATION

The goals for the development of the campus for academic pursuit have suggested that the campus facilities be organized around three major centers:

The Student Center

These new facilities would include a Chapel; an Activity Area, including food service, lounge, student government and forum; and a Gymnasium-Recreation Area. Spaces in these facilities, particularly the Chapel, should be multi-functional and provide academic teaching space.

The Academic Center

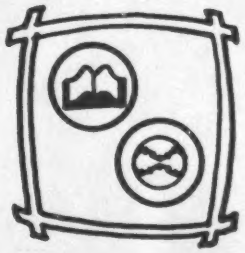
This area would be composed of an expanded Library and Resources Area, classrooms and teaching areas, seminar and discussion rooms, and staff offices.

The Residence Center

This area would include student housing for on-campus living and individual group social areas.

This three-part campus organizational structure would be supplemented by administrative and student services and physical plant services. In addition, parking would be required for faculty and students.

Each of the proposed campus centers has been carefully analyzed to identify its internal functions and operations. In addition, a priority has been suggested as being most appropriate for the construction of new facilities.



FIRST PRIORITY

* CHAPEL
* GYM-RECREATION AREA

Top priority for development has been given to the Chapel and Gymnasium-Recreation Area of the Student Center. These two areas will fill a pressing need for space in many areas of the College program, both directly and indirectly. The space available for academic use in a new Chapel would relieve congested space in existing buildings for expansion of the Library and Resource Area, classrooms and staff offices.

The Gymnasium-Recreation Area would recognize a long time need for a home for the College athletic program and for a physical education program.

These new facilities would open the way for the second level priorities in the following order:

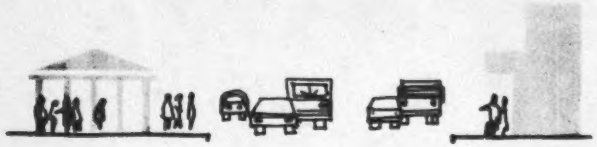
Food Service and Activity Area
Library and Resource Area
Classrooms, Seminar Rooms and Offices
Administrative and Student Services
Student Housing and Related Services
Physical Plant Services

SECOND PRIORITY

* STUDENT ACTIVITY AREA
* RESOURCE AREA
* STUDENT HOUSING

OPEN SPACE, CIRCULATION AND PARKING

INTERCONNECT CAMPUS BUILDINGS WITH COVERED WALKS



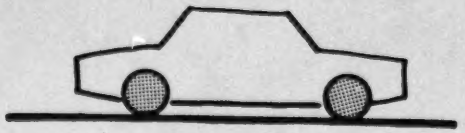
11TH AVENUE WHICH DIVIDES THE CAMPUS AND IMPEDES CIRCULATION....

MUST BE BRIDGED TO INTEGRATE THE CAMPUS

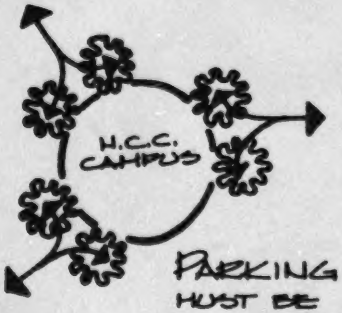
The desire to have the campus recognized as a community implies several alternative concepts of how campus buildings and open space should relate to each other. The manner in which buildings are interlinked will have a great deal to do with the way in which both faculty and students interact while they are on the campus. For example, with separate buildings, movement from one building to the next during inclement weather, will be without hesitation and by the most direct route. Little opportunity will be available for individuals to gather informally. Therefore, the following concepts could be considered to strengthen the sense of community by the use of open space circulation systems among buildings.

Covered walkways, either open, partially enclosed or totally enclosed, interlinking the buildings of the campus could play a vital role in promoting a sense of community among the students and faculty, as well as with the outside world. Such walkways could occur on the ground or upper levels between buildings which are related. These circulation routes could be designed so as to have areas of hesitation where displays or announcements could be seen, and moments of discussion could be conducted. Circulation paths could move through or adjacent to buildings and could interconnect entries in a manner which would provide a clear and direct system of circulation within the campus area.

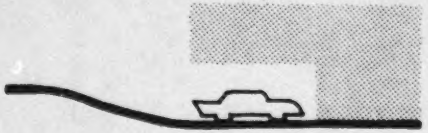
On the existing campus, such interconnecting walkways could be used effectively to increase the efficiency and effectiveness of existing spaces. In addition, an elevated walkway could be envisioned to remove the barrier posed by Eleventh Avenue to easy access between the north and south areas of the campus.



PRESENCE OF AUTOMOBILES SHOULD NOT OVERWHELM CAMPUS ENVIRONMENT



PARKING LOTS MUST BE SMALL AND LOCATED ON THE PERIPHERY



PARKING SHOULD BE INTEGRATED WITH NEW BUILDING CONSTRUCTION WHERE POSSIBLE

Covered walkways carefully integrated with a landscape plan, could create a series of identifiable entries to and passages through the campus as well as a definition of the open spaces and their relationships to the academic buildings.

With a high emphasis and reliance upon individual automotive transportation, the impact of the automobile on a campus as small as Northwest Christian College can be significant. Therefore, the amount of land to be devoted to parking, its location and relationship to other buildings should be carefully considered. It is obvious to most observers that when the area devoted to parking is too great, the surrounding environment is unpleasant and negative. This situation can not be corrected by the simple introduction of landscape in parking areas, as this is insufficient to overcome the negative impact. It appears that it is not possible to create a satisfactory and acceptable environment when more than 9% of the land is used for parking. Therefore, the location of parking facilities on the Northwest Christian College campus are very critical. The following options should be considered in locating parking.

Small parking lots for a limited number of cars can be located around the periphery of the college and heavily bordered with landscape to reduce their impact on the adjacent development.

Parking can be provided with each building or development so that it does not accumulate all in one place or overflow into the surrounding neighborhood.

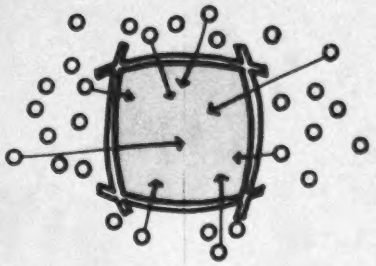
Underground parking facilities can be provided with new structures, if the funds are available. Some structures are more adaptable than others to this type of integration such as tennis courts, office buildings, and dormitories. Other buildings may not be adaptable to integrating parking with them. A typical solution is to have partially below grade parking with buildings elevated a one-half level grade on a platform, such as the Eugene City Hall Complex.

It should be noted that the present "open parking policy" permitting faculty and students to park wherever they can, may require future change by the reorganization of parking areas, mass transit development, DEQ parking standards, and the possible necessity to reduce the number of spaces available to students.

THE ACADEMIC CENTER

PROGRAM

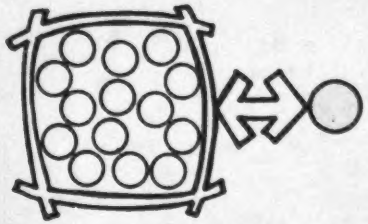
The Academic Center is envisioned as the central part of every learning experience in the College, particularly in the academic areas. Combining the Resource and Classroom Areas, it performs as a service center to staff, students and community users, such as ministers and patrons through all forms of material and knowledge resources, as well as a variety of seating and study arrangements to support the institution's instructional programs and unique objectives.



EVERY STUDENT SHALL HAVE THE RIGHT OF ACCESS TO RESOURCES OF LEARNING

For the Academic Center to perform this service to the school community, the Resource Area must provide the housing, use and loan of a variety of materials according to content and purpose--curriculum support, research, reference, supplementation, enrichment, cultural improvement, entertainment, enjoyment and recreation--and research facilities for faculty and students. The Classroom Area must provide flexible seminar, lecture and office areas for staff.

It is the right of every student to have a variety of learning resources and environments readily accessible. The Resource Area must be suitably staffed with trained personnel for the variety of duties required in materials procurement, processing, maintenance, use--informal and formal instruction--and circulation. This area will house and distribute all audiovisual material and equipment to departments and classes and to individual students for independent study. The Class Area will lend itself to flexible arrangements to permit reaching a goal of utilizing various teaching techniques in balancing theory and practive courses that relate to Christian faith, understanding of the person, communication skills and an understanding of the culture in which today's man lives and works.



CLASS SIZE SHOULD BE RELATED TO CLASS FUNCTION

SPACE	Resource Area	Available	Projected	
	Librarian, Receptionist	304	310 s.f.	
	Regular Collection Stacks	2,550	5,720	
	User Space	4,100	8,515	
	Typing	--	400	
	Collections, Newspapers	825	935	
	User Space	280	505	
	Circulation	148	400	
	Work Area	152	260	
	Revolving Collection, Reserves	38	69	
	User Space	--	320	
	Cataloging, Acquisitions	212	474	
	Audiovisual Materials	168	340	
	User Space & Control	--	564	
	Special Use Areas	260	1,060	
	Reference Collection	190	579	
	User Space	440	440	
	Special Collections & Storage	287	605	
	Work Room & Repair, Storage	200	296	
	Display	200	200	
	Staff Lounge	202	240	
	Toilets	--	600	
	Xerox	64	64	
		10,620 s.f.		
	TOTAL NET			22,900 s.f.
	Circulation 15%		3,390 s.f.	
	Service 5%		1,130	
	Design Contingency 5%		1,130	
				5,650
	TOTAL GROSS			28,550 s.f.

22

Teaching Space

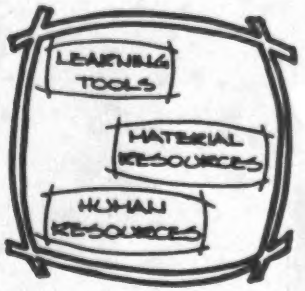
Classrooms	Large Group 12 @ 50 seats (divisible by 2 or 3)	(4,000 s.f.)[A] 12,000	
Offices	25	2,500 s.f.	
TOTAL NET AREA			14,500 s.f.
Circulation	25%	3,625 s.f.	
Service	5%	725	
Design Contingency	10%	1,450	
			5,800 s.f.
TOTAL GROSS AREA			20,300 s.f.[B]

A Classroom/assembly spaces to be provided within the multi-functional Chapel

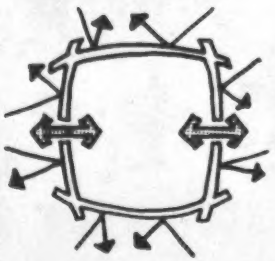
B Existing Teaching Space 11,300 s.f.

The teaching spaces required for 500 FTE students in addition to the new space provided by the Chapel will be nominal. The renovation of classroom areas, expansion of the Library and Resource Area into existing classroom spaces or provision of faculty offices may require minimal new classroom space per se to be built.

DESIGN CONCEPTS



LIBRARY SHOULD BE RESOURCE AREA



LIBRARY SHOULD RETAIN PHYSICAL SECURITY

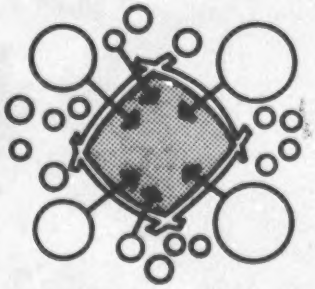
The Academic Center is a comprehensive multi-functional facility incorporating the Library and Resource Area, teaching center, and office facilities into a single interrelated complex. It is anticipated that the Academic Center will centralize all academic activities in both their physical relationship and functional organization in such a manner as to maximize the educational resources and the human resources of the College. This area would then satisfy one of the paramount educational goals of the College.

GOAL: It shall be the right of every student to have resources of learning readily accessible.

GOAL: The Resource Area and offices must be readily accessible to the classrooms and teaching areas with minimum obstruction of student movement. Teaching areas, however, should be visually and acoustically protected from distractions.

While the Resource Area should strive to satisfy this educational goal, it should also retain the capability of physical security during closed hours, thus not requiring staff surveillance on a continuous basis. The Academic Center is envisioned as having as its central focus the Library and Resource Area of the College. This area should be open, friendly and inviting to the students and faculty. Generous space should be provided in the stack areas for browsing, study and research. Surrounding the Resource Area and with direct access to it, should be located the office spaces for faculty members teaching in the Academic Center. These office spaces should also be on circulation routes for students and have staff-student and student-student interaction space similar to the campus circulation routes as a whole.

In addition, the Academic Center should provide for the maximum use of new teaching media including video tape, audiovisual, cassette tape, and similar teaching media in a printed or nonprinted form, including maps, charts, graphs, etc.



LIBRARY
SHOULD BE DIRECTLY ACCESSIBLE TO CLASSROOMS, SEMINAR ROOMS AND INDIVIDUAL STUDY SPACES

Although the present teaching methodologies such as lecture, audiovisual, small group, and individual study will be the principle ones used in the immediate future, it can be anticipated that at some later time alternative teaching methodologies may be employed. These could include individualized curriculum, non-scheduled class studies and specialized project explorations. The Academic Center should be flexible and versatile enough to accommodate a variety of teaching methodologies in the future.

When an academic area is composed of just a collection of offices, classrooms and resource areas, there is little chance for a sense of community to develop and therefore the possibility of open exchange is diminished. Constant informal contact among the members of the academic department as well as between staff and faculty provides a vibrant source of communication within a normal work pattern. Therefore, it is recommended that either the Academic Center or major departments within the Center be provided a "hearth" at the center of gravity of the departmental offices and classrooms. Within this area should be a lounge, mail area, coffee bar, small library and student information center. This academic hearth should be located on major circulation routes of the students, so they have access to it without going out of their way. Such an arrangement can maintain a strong sense of community among staff and students and among the departmental members of the faculty.

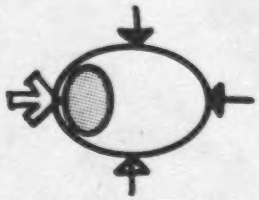
THE STUDENT CENTER

The Student Center as envisioned by Northwest Christian College will include three distinct activities areas: 1) Chapel, 2) Gymnasium-Recreation Area, 3) Activity Area. This facility should be the hub of the students' nonacademic life. The emphasis should be on the students' spiritual, social and cultural life. Lounge areas should be provided for quiet conversation, cultural displays as well as light recreational activities. Student meeting rooms and student offices should be available for elected class representatives. The total area should remain student centered with little or no emphasis on school administrative functions.

CHAPEL

PROGRAM

The Chapel should be large enough to house 600 people and yet be flexible enough to be used for other activities such as speech, instrumental music, choral groups, student assemblies, drama productions and homiletics site. There should be adequate storage for instruments as well as equipment such as tables, chairs, podium and essentials needed for Chapel use.



PART OF LARGER SPACE

This area must be multi-functional and adequate enough to include chapel, music and speech classes. Movable walls or partitions should divide this area into classrooms or practice spaces. This area will be in use from early morning to late evening, therefore, security will need to be a consideration in design.

SPACE

The following spaces have been programmed for the Chapel:

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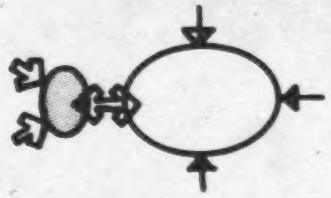
Multi-Function Assembly

(CR use)	1 @ 200 seats (divisible-2 @ 100)	2,000 s.f.	
	400 seats and lobby	4,000 s.f.	
	600 seats		6,000 s.f.



SEPARATE FROM LARGER SPACE

Permanent Chapel Area

100 seats	800 s.f.	
25 seats (platform)	250	
100 standing choir	600	
		1,650 s.f.

Chapel Support

Choir Robing Room	1,000 s.f.
Choir Robe Storage	150
Toilet Rooms	500
Dressing Rooms (2)	600
Office	200
Chair Storage	200
Drama Storage	1,000

CHAPLE MUST BE FLEXIBLE AND VARIABLE TO ALLOW USE FOR TEACHING FACILITIES

Music Practice	10 @ 80	800 s.f.	
	2 @ 100	200	
Speech Practice	12 @ 100	1,200	
Music Storage		200	
			6,050 s.f.
	TOTAL NET AREA		13,700 s.f.
Circulation	25%	3,425 s.f.	
Service	5%	675	
Design Contingency	10%	1,370	
			5,470 s.f.
	TOTAL GROSS AREA		19,170 s.f.

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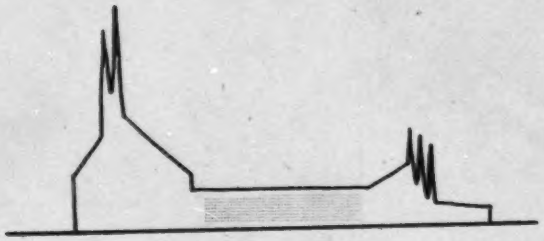
DESIGN CONCEPT



The Chapel has been envisioned as the visible center of Northwest Christian College and the visible expression of the centrality of the Christian faith of Northwest Christian College as an institution. However, this expression should not be interpreted as implying that the Chapel should be at the center of activity. It should be readily and easily accessible at the student crossroads for secular group assembly and for individual sacred devotion at all times. Such individual use by students should not prevent other activities from being held in the same building simultaneously. A small Chapel should be accessible at all times for private devotions. Thus, the building should be versatile in its usage and multi-functional in its operation.

A strongly stated goal for the Chapel was made by the Committee.

GOAL: The Chapel should retain its semi-traditional form and character both on the exterior and interior and this character should not be degraded when the building is used for various secular and teaching functions.

However, the Chapel should be versatile and multi-functional in the activities which it can accommodate.

The above requirements and design goals for the Chapel implies a configuration which would provide a variety of spaces usable for seminar, classroom or assembly and drama activities, while still being able to separate a small permanent Chapel area.

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THE ACTIVITY AREA

PROGRAM

The Activity Area will be an informal multi-functional area used by students, staff and community. This area will be open early morning to late evening and will provide a snack bar and light recreational activities for students of Northwest Christian College. Group and individual activities throughout the day will be structured and unstructured or formal and informal depending on the situation. A complete food service program for off-campus and all on-campus students will be available here. In addition, facilities should be flexible enough to accommodate banquet or sit-down dinners.

SPACE

The following activity areas have been programmed for the Activity Area:

Activity Area			
Dining		6,000 s.f.	
Main 360 seats			
Meeting 1 @ 50 seats (divisible)			
4 @ 15 seats			
Student Lounge		1,000	
Table and Chair Storage		400	
Kitchen/Snack Bar		2,000	
Recreation		1,000	
Student Offices - 4		500	
Nurse and Health		200	
TOTAL NET AREA			11,100 s.f.
Circulation	30%	3,330 s.f.	
Service	5%	555	
Design Contingency	10%	1,110	
			4,995 s.f.
TOTAL GROSS AREA			16,095 s.f.

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DESIGN CONCEPT

The Activity Area has as its primary goal to provide food service and leisure-time activities for students and faculty in a nonacademic environment. In addition, the Activity Area should provide limited services to the student body such as student government offices. The food service kitchen should be designed and located to provide service to both the dining room and gymnasium for dinners and banquets.

The Student Center should be located near the cross-roads of student circulation on campus. It should be closely related and possibly even inter-connected with the Chapel and Gymnasium-Recreation Area, but sufficiently removed so that conflict does not occur between the quiet, passive atmosphere of the Chapel and the noisy, active atmosphere of the Recreation Area. The Student Center facilities may form the transition between the two dissimilar types of spaces, while still retaining the close relationship desired between them.

GYMNASIUM-RECREATION AREA

PROGRAM

The physical education program at Northwest Christian College will attempt to offer every student an equal opportunity to participate in games or activities. Physical conditioning, coordination, agility and balance plus the improvement of health and mind are fundamental objectives of the program. Such activities as basketball, volleyball, badminton, gymnastics, wrestling, tennis and weight lifting are major areas of the program. Intercollegiate activities such as basketball and volleyball, wrestling and gymnastics may be part of the program.

SPACE

GYMNASIUM-RECREATION CENTER MUST BE MULTI-FUNCTIONAL AND VERSATILE

Gymnasium		15,000 s.f.	
Equipment Storage		750	
Men's Shower		400	
Locker Room		1,800	
Toilet		100	
Staff Office		200	
Visiting Team Locker		500	
Faculty Men Locker		150	
Varsity Room		500	
Girls' Shower		400	
Locker Room		1,800	
Toilet		100	
Staff Office		200	
Faculty Women Locker		150	
Uniform Storage		200	
Training Room		200	
Activity Area		2,500	
Laundry		500	
Public Rest Rooms		500	
	TOTAL NET AREA		26,150 s.f.
Circulation	20%	5,230	
Service	5%	1,300	
Design Contingency	10%	2,600	
			9,130 s.f.
	TOTAL GROSS AREA		35,280 s.f.

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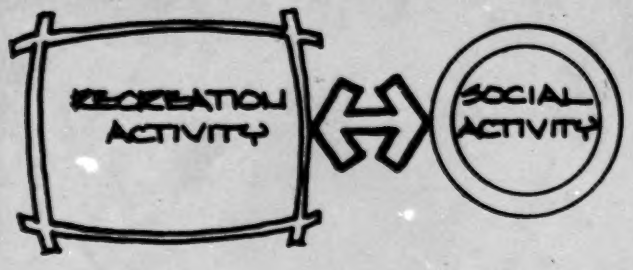
DESIGN CONCEPT

The Gymnasium should accommodate at least four activity areas for the physical education program. The gymnasium should also provide a main basketball floor with spectator seating of 1000. Seating should be movable or collapsible so that maximum space is available when closed.

The Gymnasium should be convertible to large gatherings including dinners, banquets, musical presentations and meetings. The capability to create both an arena or proscenium arrangement for presentations would be very useful.



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GYM-RECREATION AREA AND STUDENT ACTIVITIES AREA

SHOULD BE LOCATED CLOSE TOGETHER

THE RESIDENCE CENTER

PROGRAM

Student housing has not had a major consideration in this planning study. At the present time, there is a dormitory capacity of approximately 370 students. With a substantial growth of enrollment, the available housing could impose a limit to the number of incoming freshmen in the near future. At the present time this is most critical for women students.

EXISTING HOUSING WILL BE RENOVATED BEFORE NEW HOUSING IS BUILT

It is anticipated that the existing housing accommodations will be renovated before new housing is built. The present dormitory accommodations could be vastly improved in both effectiveness and utilization under a renovation program.

GOAL: Student housing shall provide the essence of a "Home Away From Home" for the students while at Northwest Christian College.

This goal implies that the renovation of existing housing and all new housing should provide for a person to express his personal feelings of territoriality in addition to sleeping, studying and relaxing.

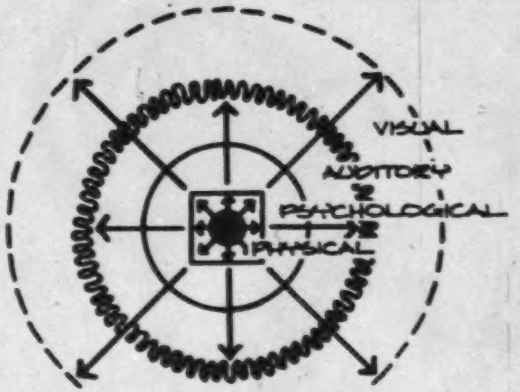
STUDENT HOUSING SHOULD PROVIDE A "HOME AWAY FROM HOME"

This can be partially accomplished by providing rooms equipped with movable furniture, including wardrobes instead of closets, that can be arranged, stacked or combined by the student in a highly flexible room. Psychological space can be extended with large outside windows or drawn in by providing personal spaces in which to be alone.

Sound isolation is essential to differing functional areas through walls and along corridors or open spaces. Carpeted floors reduce reverberation and at the same time add color and the character of more intimate space.

With the introduction of new teaching media it should be recognized that student housing could soon be considered to be an extension of the students' learning and development processes.

Small informal lounges for each housing group of twenty to twenty-five students can provide for an exchange of human values between students and an unstructured meeting area for faculty and students on a more casual level. Great care should be taken to avoid a "furniture showroom" appearance in lounge areas. The space and its furnishings should lend themselves to immediate arrangements by the users to satisfy their present use needs and encourage utilization of such mobility.



STUDENT HOUSING SHOULD PROVIDE LEVELS OF PERSONAL TERRITORIALITY

It should be recognized that under the concept of developing the campus as a physical and social community that students who live on campus will desire to have their housing closely integrated with the academic and social activities of the College. This would be particularly true of the 1st and 2nd year students who are experiencing the responsibilities of college life for the first time. Therefore, future development could anticipate the integration of student housing with the Academic Center or the Student Center. Such an arrangement would provide, particularly with the Student Center, a continuous level of social activity in the academic and activity area. It should be noted that the location of student with academic areas creates the danger of introducing informal high noise level activities into an environment intended for intensive academic pursuit. Careful consideration should be given to this conflict if such a coordination is attempted.